

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently amended) A PTC element module of a pre-heater for vehicles including a PTC element, comprising :
 - a positive terminal~~(130)~~ composed of two sheets, an upper sheet of which has a fastening hole ~~(132)~~ and upward bended ribs ~~(131)~~ formed at opposite edges of the fastening hole;
 - a ring-shaped insert insulator ~~(120)~~ inserted between the ribs~~(131)~~;
 - a PTC element ~~(140)~~ inserted into an inside of the insert insulator~~(120)~~, a bottom surface of which is in contact with a lower sheet of the positive terminal ~~(130)~~;
 - one heat fin assembly closely fastened to one surface of the PTC element ~~(140)~~;
 - another heat fin assembly fastened to the other surface of the PTC element ~~(140)~~ through the medium of a positive terminal ~~(130)~~ and an entire surface insulator ~~(150)~~;
 - and a fastening insulator ~~(170)~~ for binding together the two heat fin assemblies, the PTC element ~~(140)~~, the positive terminal ~~(130)~~ and the entire surface insulator ~~(150)~~.
2. (Currently amended) The PTC element module according to claim 1, wherein the heat fin assembly is formed of a corrugated heat fin ~~(200)~~ fastened to one heat fin plate ~~(220)~~ or ~~(230)~~.

3. (Currently amended) The PTC element module according to claim 1, wherein the fastening insulator ~~(170)~~ comprises a longitudinally extending thin and long member and a "C" shaped insert member formed inward from the thin and long member.
4. (Currently amended) The PTC element module according to claim 1, wherein the PTC element ~~(140)~~ and the insert insulator ~~(120)~~ have rectangular shapes.
5. (Currently amended) A pre-heater for vehicles comprising:
the PTC element module ~~(100)~~ according to claim 1 ~~or 2~~;
a heat fin assembly ~~(260)~~ disposed parallel to the PTC element module ~~(100)~~;
a negative terminal ~~(300)~~ disposed parallel to the heat fin assembly ~~(260)~~;
frames ~~(600)~~ and ~~(900)~~ respectively fastened to both lateral ends of a combined body including the PTC element module ~~(100)~~, the heat fin assembly ~~(260)~~, and the negative terminal ~~(300)~~; and
housings ~~(400)~~ and ~~(800)~~ respectively fastened to both longitudinal ends of a combined body including the PTC element module ~~(100)~~, the heat fin assembly ~~(260)~~, the negative terminal ~~(300)~~, and the frames ~~(600)~~ and ~~(900)~~.
6. (Currently amended) The pre-heater for vehicles according to claim 5, further comprising fastening means ~~(500)~~ for binding together the PTC element module ~~(100)~~, the

heat fin assembly (260), and the negative terminal (300) at a longitudinal middle position thereof.

7. (Currently amended) The pre-heater for vehicles according to claim 5, wherein the frames (600) and (900) are fastened to a heat fin (200) of the heat fin assembly (260) through the medium of a fin protector (700).

8. (New) A pre-heater for vehicles comprising:
the PTC element module according to claim 2;
a heat fin assembly disposed parallel to the PTC element module;
a negative terminal disposed parallel to the heat fin assembly;
frames fastened to both lateral ends of a combined body including the PTC element module, the heat fin assembly, and the negative terminal; and
housings fastened to both longitudinal ends of a combined body including the PTC element module, the heat fin assembly, the negative terminal, and the frames.

9. (New) The pre-heater for vehicles according to claim 8, further comprising fastening means for binding together the PTC element module, the heat fin assembly, and the negative terminal at a longitudinal middle position thereof.

10. (New) The pre-heater for vehicles according to claim 8, wherein the frames are fastened to a heat fin of the heat fin assembly through the medium of a fin protector.